

To: Wilbur, Emily[emily.wilbur@dnr.mo.gov]
Cc: Andy Hawkins (hawkins.andy@epa.gov)[hawkins.andy@epa.gov]
From: Avey, Lance
Sent: Fri 12/18/2015 2:53:18 PM
Subject: Ameren modeling information for Labadie

Hi Emily,

As we continue to evaluate the sets on modeling inputs we have received for Labadie for 1-hr SO₂, we are seeing some differences in the modeled inputs. Of note, the flow rates and thus exit velocities used are different for the provided modeling from MDNR, Sierra Club, and Ameren. MDNR used fixed exit velocities, SC used varying rates from CAMD, and Ameren used varying rates of which we are looking to confirm how Ameren's values were calculated.

Could you supply the calculation methodology for the exit velocities for the Ameren values and have them include all hourly parameters that were used in their calculation?

Thanks much,

Lance

Lance Avey

EPA Region 7

11201 Renner Boulevard

Lenexa, Kansas 66219

(913) 551-7809

avey.lance@epa.gov